

**DESERT SOUTHWEST  
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT SEVEN to  
COOPERATIVE and JOINT VENTURE AGREEMENT**

between

**U.S. DEPARTMENT OF THE INTERIOR  
Bureau of Land Management  
U.S. Bureau of Reclamation  
U.S. Geological Survey  
National Park Service  
U.S. Fish and Wildlife Service**

**U.S. DEPARTMENT OF AGRICULTURE  
U.S. Forest Service  
Natural Resources Conservation Service**

**U.S. DEPARTMENT OF DEFENSE  
Office of the Deputy Under Secretary of Defense  
(Installations and Environment)  
U.S. Army Corps of Engineers – Civil Works**

and

**ARIZONA BOARD OF REGENTS  
THE UNIVERSITY OF ARIZONA (HOST)  
Howard University  
New Mexico State University  
Texas State University  
University of California–Riverside  
University of Texas at El Paso  
Universidad de Sonora  
Arizona-Sonora Desert Museum  
Sonoran Institute  
The Nature Conservancy  
Organization of American Historians  
Pima County and Pima County Regional Flood Control District  
Desert Southwest Bird Observatory  
University of Texas at Arlington  
Cornerstones Community Partnerships  
Rancho Santa Ana Botanic Garden**

**CyArk  
Western National Parks Association  
University of Utah  
Archaeology Southwest  
Sky Island Alliance  
Northern Arizona University**

**Adding:  
Arizona Game and Fish Department**

With the exception of the changes below, all terms and conditions of the Desert Southwest CESU agreement apply to this Amendment, and this Amendment is hereby made part of the agreement.

**ARTICLE I. BACKGROUND AND OBJECTIVES**

L.6. Arizona Game and Fish Department is hereby included in the Desert Southwest CESU as a Partner Institution.

**ARTICLE III. TERM OF AGREEMENT**

A.1. The effective date of the Desert Southwest CESU Cooperative and Joint Venture Agreement is 07 October 2010.

A.2. The effective date of this amendment to the Desert Southwest CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature.

**ARTICLE IV. KEY OFFICIALS**

C.22. The technical representative for the Arizona Game and Fish Department is:

Tim Wade  
Chief, Wildlife Contracts Branch  
Arizona Game and Fish Department  
5000 West Carefree Highway  
Phoenix, AZ 85086  
Phone: (623) 236-7981  
twade@azgfd.gov

## **ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES**

The following authorizing signatures are attached to this amendment:

### U.S. DEPARTMENT OF THE INTERIOR

- A. Bureau of Land Management
- B. U.S. Bureau of Reclamation
- C. U.S. Geological Survey
- D. National Park Service
- E. U.S. Fish and Wildlife Service

### U.S. DEPARTMENT OF AGRICULTURE

- F. U.S. Forest Service
- G. Natural Resources Conservation Service

### U.S. DEPARTMENT OF DEFENSE

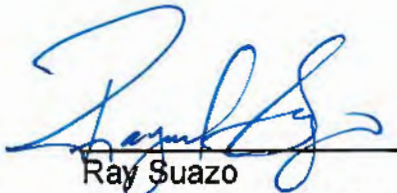
- H. Office of the Deputy Under Secretary of Defense (Installations and Environment)
- I. U.S. Army Corps of Engineers – Civil Works

### J. ARIZONA BOARD OF REGENTS THE UNIVERSITY OF ARIZONA (HOST)

- K. Howard University
- L. New Mexico State University
- M. Texas State University
- N. University of California – Riverside
- O. University of Texas at El Paso
- P. Universidad de Sonora
- Q. Arizona-Sonora Desert Museum
- R. Sonoran Institute
- S. The Nature Conservancy
- T. Organization of American Historians
- U. Pima County and Pima County Regional Flood Control District
- V. Rocky Mountain Bird Observatory
- W. University of Texas at Arlington
- X. Cornerstones Community Partnerships
- Y. Rancho Santa Ana Botanic Garden
- Z. CyArk
- AA. Western National Parks Association
- BB. University of Utah
- CC. Archaeology Southwest
- DD. Sky Island Alliance
- EE. Northern Arizona University
- FF. Arizona Game and Fish Department**

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

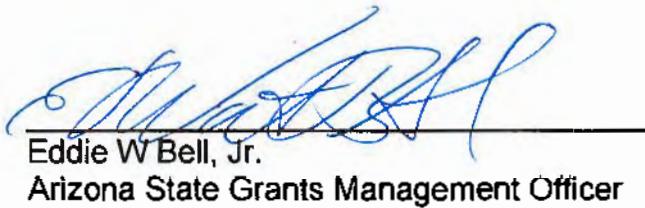
**A. Bureau of Land Management**



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Ray Suazo  
Arizona State Director

7-20-2015  
Date



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Eddie W Bell, Jr.  
Arizona State Grants Management Officer

17 July 15  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

B. U.S. Bureau of Reclamation

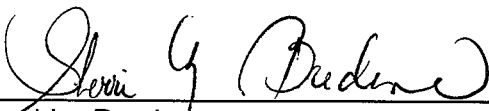
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

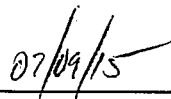
\_\_\_\_\_  
Janice Richardson  
Grants Officer

\_\_\_\_\_  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

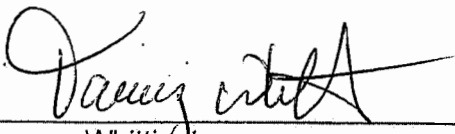
C. U.S. Geological Survey

  
\_\_\_\_\_  
Sherri Ly Bredesen  
Contracting Officer

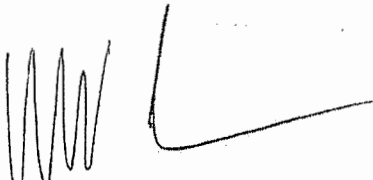
  
\_\_\_\_\_  
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

D. National Park Service

  
\_\_\_\_\_  
Tammy Whittington  
Associate Regional Director  
Resources/Science Advisor

7/14/15  
Date

  
\_\_\_\_\_  
Andrew E. Lubnier  
Contracting Officer

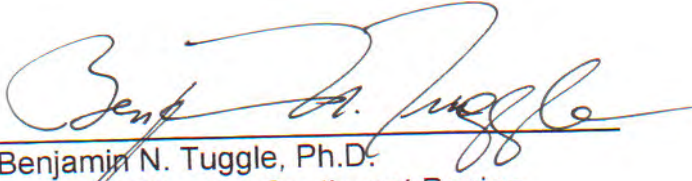
7/8/15  
Date

  
\_\_\_\_\_  
Kelvin A. Delaney  
Financial Assistance Officer

7/12/15  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

E. U.S. Fish and Wildlife Service



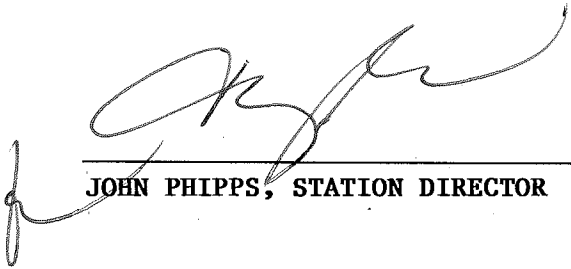
Benjamin N. Tuggle, Ph.D.  
Regional Director, Southwest Region

7/16/2015  
Date



**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

F. U.S. Forest Service

  
\_\_\_\_\_  
JOHN PHIPPS, STATION DIRECTOR

7/8/15  
Date

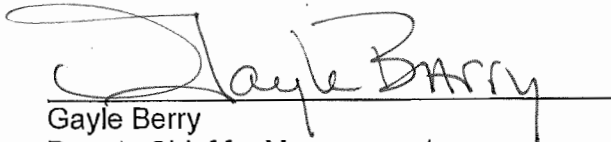
This authority and format of this instrument have been reviewed and approved for signature.

  
\_\_\_\_\_  
Linda Marsh  
Grants and Agreements Specialist

7/8/15  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

G. Natural Resources Conservation Service

  
Gayle Berry  
Deputy Chief for Management

**JUL 28 2015**

Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

H. Office of the Deputy Under Secretary of Defense (Installations and Environment)

**ROBICHEAUX.TRACI.D.1260  
353990**

Digitally signed by ROBICHEAUX.TRACI.D.1260353990  
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,  
ou=USA, cn=ROBICHEAUX.TRACI.D.1260353990  
Date: 2015.07.08 11:21:05 -05'00'

\_\_\_\_\_  
Traci Robicheaux  
Grants Officer  
Representing ODUSD (I&E)

\_\_\_\_\_  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

I. U.S. Army Corps of Engineers – Civil Works

**MCGUFFIE.JERI**  
**.H.1230779046**

Digitally signed by  
MCGUFFIE.JERI.H.1230779046  
DN: c=US, o=U.S. Government, ou=DoD,  
ou=PKI, ou=USA,  
cn=MCGUFFIE.JERI.H.1230779046  
Date: 2015.07.08 08:06:14 -05'00'

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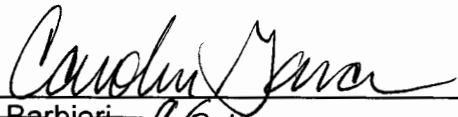
Jeri McGuffie  
Grants Officer

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Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

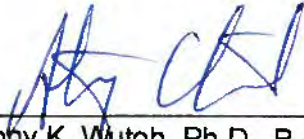
J. Arizona Board of Regents - The University of Arizona

  
\_\_\_\_\_  
~~Lewis Barbieri~~ *CG*  
Director, Office of Research and Contract Analysis  
Caroline Garcia  
Associate VP Research

7/10/10  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

K. Howard University



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Anthony K. Wutoh, Ph.D., R.Ph.  
Provost and Chief Academic Officer

7/13/15  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**



L. The Regents of New Mexico State University

  
Alisha A. Giron  
Director, Office of Grants and Contracts *for*

07/20/2015  
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

M. Texas State University

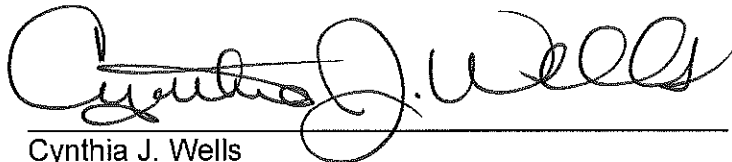
   
\_\_\_\_\_  
W. Scott Erwin  
Director, Sponsored Programs

  
\_\_\_\_\_  
Date



**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

N. The Regents of the University of California, on behalf of its Riverside campus

A handwritten signature in black ink, appearing to read "Cynthia J. Wells". The signature is written in a cursive style with a large initial "C".

Cynthia J. Wells  
Director, Sponsored Programs

7/7/2015

Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

O. University of Texas at El Paso

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Dr. Roberto A. Osegueda  
Vice President for Research

\_\_\_\_\_  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

P. Universidad de Sonora

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Heriberto Grijalva Monteverde  
Rector

\_\_\_\_\_  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

Q. Arizona-Sonora Desert Museum



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Kim Franklin  
Conservation Research Science


7/10/2015

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Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

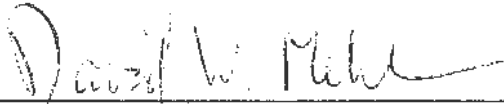
R. Sonoran Institute

  
\_\_\_\_\_  
John Shepard  
Senior Advisor

7/8/15  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

S. The Nature Conservancy



\_\_\_\_\_  
David W. Mehlman  
Director, Migratory Bird Program

7/8/15  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

T. Organization of American Historians

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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Katherine M. Finley  
Executive Director

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Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

U. Pima County and Pima County Regional Flood Control District

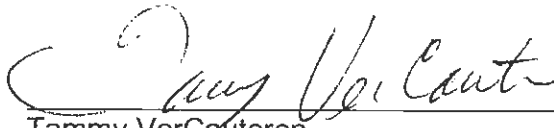
  
\_\_\_\_\_  
John M. Bernal  
Deputy County Administrator

8/4/15  
Date



**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

V. Rocky Mountain Bird Observatory

  
\_\_\_\_\_  
Tammy VerCaúteren  
Executive Director

8-7-15  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

W. University of Texas at Arlington

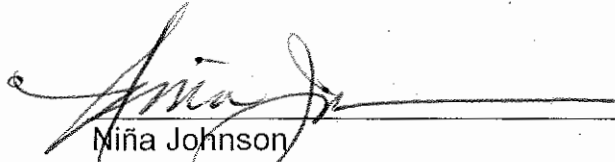
Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Carolyn L. Cason  
Vice President for Research and Federal Relations

\_\_\_\_\_  
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

X. Cornerstones Community Partnership

  
\_\_\_\_\_  
Miña Johnson  
Executive Director

August 7, 2018  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

Y. Rancho Santa Ana Botanic Garden

A handwritten signature in cursive script, appearing to read "L A McDade", written over a horizontal line.

Lucinda A. McDade, Ph.D.  
Executive Director

8 July 2014  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

Z. CyArk

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
Elizabeth Lee  
Finance and Business Manager

\_\_\_\_\_  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

AA. Western National Parks Association

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

\_\_\_\_\_  
James E. Cook  
Executive Director

\_\_\_\_\_  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

BB. University of Utah

  
Brent K. Brown  
Director, Office of Sponsored Programs

5 July 15  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

CC. Archaeology Southwest

Per Article III, C: If a Partner Institution or Federal Agency has not responded after forty-five (45) days from receipt of the amendment, its signature will not be required to make the amendment effective.

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William H. Doelle  
President and CEO

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Date



**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

DD. Sky Island Alliance

  
\_\_\_\_\_  
Carianne Campbell  
Program Manager

7 July 2015  
Date

ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)

EE. Northern Arizona University

*William Grabe*

\_\_\_\_\_  
William P. Grabe, Ph.D.  
Vice President for Research

*7/8/15*

\_\_\_\_\_  
Date

**ARTICLE XV. AMENDMENT AUTHORIZING SIGNATURES (cont.)**

**FF. Arizona Game and Fish Department**

  
\_\_\_\_\_  
Jim Hinkle  
Assistant Director

  
Date